

IN THE CLAIMS:

Please cancel claims 1 and 2 without prejudice or disclaimer.

Claim 3, line 1, delete "1" and insert --4--.

Please add new claims 4-15 as follows:

Sup
DI
--4. A multi-piece solid golf ball comprising; a solid core and a cover consisting of inner and outer layers surrounding the core, the outer cover layer having a surface formed with a plurality of dimples,

B!
said solid core having a distortion of 2.8 to 6.5 mm under an applied load of 100 kg, and a product of the Shore D hardness of said inner cover layer multiplied by the Shore D hardness of said outer cover layer and a proportion V_R (5) of the total of the volumes of dimple spaces each defined below a plane circumscribed by the dimple edge to the overall volume of a phantom sphere given on the assumption that the golf ball surface is free of dimples satisfy any one of the following combinations (1) to (5):

C
(1) the product of Shore D hardnesses of inner and outer cover layers: 1,500 to less than 2,000

V_R : 0.8 to ^{0.93} 1.1%

(2) the product of Shore D hardnesses of inner and outer cover layers: 2,000 to less than 2,500

V_R : 0.75 to 1.05%

(3) the product of Shore D hardnesses of inner and outer cover layers: 2,500 to less than 3,000

V_R : .7 to 1%

(4) the product of Shore D hardnesses of inner and outer cover layers: 3,000 to less than 3,500

V_R : 0.65 to 0.95%

(5) the product of Shore D hardnesses of inner and outer cover layers: 3,500 to 4,000

V_R : 0.6 to 0.9%,

and said dimples include at least three types of dimples which are different in at least one of, diameter, depth, and value V_0 which is the volume of one dimple space defined below a plane circumscribed by the dimple edge divided by the volume of a cylinder whose bottom is the plane and whose height is the maximum depth of the dimple from the bottom.--

B1 --5. The multi-piece solid golf ball of claim 4, wherein said solid core has a distortion of 2.8 to 6.0 mm under an applied load of 100 kg.--

--6. The multi-piece golf ball of claim 4, wherein said outer cover layer has a Shore D hardness in the range of 30 to 62.--

--7. The multi-piece golf ball of claim 4, wherein the inner cover layer has a Shore D hardness in the range of 28 to 68.--

Q --8. The multi-piece golf ball of claim 4, wherein said inner cover layer has a gage in the range of 0.5 to 3.0 mm.--

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. APPLN. NO. 09/129,883

0 --9. The multi-piece golf ball of claim 4, wherein said outer cover layer has a gage in the range of 0.5 to 2.5 mm.--

--10. The multi-piece golf ball of claim 4, wherein said cover has a total gage of 1.0 to 5.0 mm.--

--11. The multi-piece golf ball of claim 4, wherein said dimples have diameters such that a largest diameter is in the range of 3.7 to 4.5 mm.--

B¹ --12. The multi-piece golf ball of claim 4, wherein dimple depth for a largest size dimple is in the range of 0.15 to 0.25 mm.--

--13. The multi-piece golf ball of claim 4, wherein V_0 is in a range of 0.4 to 0.52 for a largest size dimple.--

--14. The multi-piece golf ball of claim 4, wherein V_0 for the golf ball as a whole is in the range 0.38 to 0.55.--

--15. The multi-piece golf ball of claim 4, wherein dimples of a smallest type have a diameter in the range of 2.0 to 3.7 mm and a depth in the range of 0.08 to 0.23 mm.--

IN THE ABSTRACT:

Lines 3-6, delete in their entirety;

Line 7, delete "comprising" and insert --comprises--;